Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 24 Dec 2021 until 23:59 on Saturday 25 Dec 2021

Forecast Issued on Thursday 23 Dec 2021 at 15:02

Confidence: High confidence for generally dry and settled conditions, although cold and windy at times, over the festive period but a lot of uncertainties towards the end of the period on how things will develop. Keep an eye on forecast updates for early next week.

Headline for Friday 24 Dec 2021: Cloudy and dull at times with some drizzle and some rain later, easterly winds strengthening later.

Mountain weather hazards on Friday 24 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Cloudy	Cloudy	Dull	Drizzle	Drizzle	Light rain
Precipitation probability							
10%	10%	20%	20%	20%	40%	40%	40%

Forecast for Friday 24 Dec 2021

Weather: Cloudy overnight and some mist and fog developing in places, quite a murky night. Remaining cloudy during the daytime and quite a dull day in store. Some patchy drizzle is likely at times. The best chance of any brightness is in the afternoon around northwestern hills. During the evening some sleet or rain outbreaks are likely.

Chance of cloud free mountain/hill tops above 600m: 30%, widespread low cloud in the morning, cloud lifting in the afternoon and brighter in the northwest, cloud tending to lower in the evening once again.

Visibility: Extensive low cloud in the morning with bases between 3-500m, later in the day cloud bases will lift a little and become more broken or even scattered around western hills, some tops here will be clear from mid afternoon but still patches of low cloud above 500m. Cloud tending not to clear in the east. Below cloud bases it will be quite dull with just moderate visibility and poor in any mistiness in the morning. Cloud bases likely to become extensive around 400m during the evening in the rain or sleet.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 24 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 W	13/19 SW	10/14 SW	7/10 SW	7/10 E	12/18 E	19/28 E	21/30 E	22/32 E
300	13/21 SW	8/14 SW	5/10 SW	4/7 SE	5/8 E	9/16 E	13/22 E	15/25 E	16/27 E
Valley	7/18 W	4/13 SW	3/9 S	3/8 S	6/10 E	10/19 E	13/26 E	14/29 E	15/30 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/1	5/2	5/2	5/2	4/0	3/-2	2/-4	2/-5
300	7/4	7/4	7/5	7/6	7/6	6/4	6/2	5/0	4/-0
Valley	7/5	7/6	7/6	7/6	8/6	7/4	6/2	5/1	5/0
Freezing Level*	1500m	1400m	1400m	1400m	1300m	1300m	1200m	1200m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool out and about on Christmas Eve and the wind chill becoming significant later in the day as strong easterly winds develop and freezing levels fall.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 23 Dec 2021	4.2mm	4.2mm	5.4mm

Forecast for Saturday 25 Dec 2021

Weather: Rain will turn to snow flurries overnight for the northern Peaks but these tending to die out during the morning. Although it will be cloudy initially some brighter and clearer weather will develop on Christmas afternoon especially for hills in the north. Perhaps more cloud will return later in the afternoon. Strong easterly winds will result in a significant wind chill out on Christmas walks.

Maximum wind: Easterly 20-25 mph with gusts 35mph.

Chance of cloud free mountain/hill tops above 600m: 50% improving to 80% during the day with most low cloud clearing away.

Visibility: Moderate visibility will improve to good, with decent views by Christmas afternoon. Cloud bases will initially be shrouding the tops with scattered or broken layers of cloud above 400m, these will lift and clear during the morning.

Temperature: **Valleys:** Around 3 Celsius falling to zero in the evening.
At 600m: Minus 1 Celsius.
Freezing level: 800m falling to 400m

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